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Title: NOVEL REAGENT FOR
TETRAZOLE SYNTHESIS AND
PROCESS FOR PRODUCING
TETRAZOLES THEREWITH
NOUVEAU REACTIF DE SYNTHESE
DE TETRAZOLE ET SON EMPLOI DANS UN PROCEDE DE PRODUCTION DE
TETRAZOLES



R-CN

(I)

Abstract:

Source: WO9637481A A process for producing 1H-tetrazoles represented by general formula (II) (wherein R represents an arbitrary substituent) from carbonitriles represented by the general formula (I): R-CN (wherein R is as defined above) with the use of a tetrazolating agent comprising an alkali metal azide and zinc chloride. The agent can be used in a variety of solvents and can fundamentally be applied to any carbonitriles. As zinc chloride is inexpensive, it contributes to cost reduction.

L'invention concerne un procede de production de 1H-tetrazoles represente par la formule generale (II) (dans laquelle R represente un substituant arbitraire) a partir de carbonitriles representes par la formule generale (I): R-CN, (dans laquelle R a la notation ci-dessus definie) a l'aide d'un agent tetrazolant comprenant un azide de metal alcalin et du chlorure de zinc. On peut utiliser l'agent dans divers solvants et l'appliquer fondamentalement a n'importe quel carbonitrile. Etant donne que le chlorure de zinc est bon marche, il contribue a la reduction des couts.

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AUSTRALIA	AU199657801 A1	Dec 11, 1996	AU19960057801	May 27, 1996	COMP. SPEC. OPEN TO PUB. INSP.
CHINA	CN1189158 A	Jul 29, 1998	CN19961095084	May 27, 1996	UNEXAMINED APPLIC. OPEN TO PUBLIC INSPEC
EUROPEAN PATENT	EP0838458 A1	Apr 29, 1998	EP19960914446	May 27, 1996	APPLICATION WITH SEARCH REPORT

EUROPEAN PATENT	EP0838458 A4	Sep 9, 1998	EP19960914446	May 27, 1996	SUPPLEMENTARY SEARCH REPORT
JAPAN	JP8325248 A2	Dec 10, 1996	JP19950128576	May 26, 1995	APPLICATION
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Abstract:

A process for producing 1H-tetrazoles represented by general formula (II) (wherein R represents an arbitrary substituent) from carbonitriles represented by the general formula (I): R-CN (wherein R is as defined above) with the use of a tetrazolating agent comprising an alkali metal azide and zinc chloride. The agent can be used in a variety of solvents and can fundamentally be applied to any carbonitriles. As zinc chloride is inexpensive, it contributes to cost reduction.

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